

direction by application of turning force to any one of said discrete counter surfaces of the first code locking disc and the second code locking disc can be turned in said first turning direction by application of turning force to any one of said discrete counter surfaces of the second code locking disc,

a locking bar having a locking position in which it prevents turning of the cylinder relative to the lock body and a releasing position in which it is received in the channel formed by the peripheral notches of the locking discs and releases the cylinder for turning relative to the lock body, and

a key insertable in the lock when the locking discs are at an initial position, the key having a set of combination surfaces corresponding respectively to the locking discs, for engaging a counter surface of each locking disc and applying turning force thereto when the key is inserted in the lock and is turned in the first turning direction, so that the locking discs are turned in the first turning direction to their respective opening positions,

and wherein the combination surface corresponding to said first code locking disc is provided with a first of at least two combination values and the combination surface corresponding to said second code locking disc is provided with a second of said at least two combination values, and the first and second combination values are such that the first code locking disc is turnable in the first turning direction by a key of which the combination surface corresponding to the first code locking disc has either said first combination value or said second combination value and the second locking disc is turnable in the first turning direction by a key of which the combination surface corresponding to the second locking disc has either said first combination value or said second combination value, but only a key of which the combination surface corresponding to the first code locking disc has the first combination value and the combination surface corresponding to the second locking disc has the second combination value is able to turn the first and second code locking discs to their respective opening positions,

and wherein a first of said discrete counter surfaces bounding the key opening of the first code locking disc corresponds to a smaller turning angle of the key and a second of said discrete counter surfaces corresponds to a larger turning angle.

4. (Amended) A cylinder lock and key combination according to claim 1, wherein the second counter surface bounding the key opening of the first code locking disc extends substantially to the central normal (E) of the central axis (D) of the key opening.

9. (Amended) A cylinder lock and key combination comprising:
a lock body,
a turnable lock cylinder located inside the lock body and having an axial slot,

a set of code locking discs located inside the lock cylinder, each locking disc having at least one peripheral notch and a key opening and being turnable in the lock body in a first turning direction by application of turning force to a counter surface bounding the key opening, each locking disc having an opening position in which its peripheral notch is at the position of the axial slot in the lock cylinder, such that when all the locking discs are in their respective opening positions the peripheral notches form a uniform channel at the position of the axial slot, the key openings of at least first and second code locking discs each being bounded by at least two discrete counter surfaces such that the first code locking disc can be turned in said first turning direction by application of turning force to any one of said discrete counter surfaces of the first code locking disc and the second code locking disc can be turned in said first turning direction by application of turning force to any one of said discrete counter surfaces of the second code locking disc,

a locking bar having a locking position in which it prevents turning of the cylinder relative to the lock body and a releasing position in which it is received in the channel formed by the peripheral notches of the locking discs and releases the cylinder for turning relative to the lock body, and

a key insertable in the lock when the locking discs are at an initial position, the key having a set of combination surfaces corresponding respectively to the locking discs, for engaging a counter surface of each locking disc and applying turning force thereto when the key is inserted in the lock and is turned in the first turning direction, so that the locking discs are turned in the first turning direction to their respective opening positions,

and wherein the combination surface corresponding to said first code locking disc is provided with a first of at least two combination values and the combination surface corresponding to said

second code locking disc is provided with a second of said at least two combination values, and the first and second combination values are such that the first code locking disc is turnable in the first turning direction by a key of which the combination surface corresponding to the first code locking disc has either said first combination value or said second combination value and the second locking disc is turnable in the first turning direction by a key of which the combination surface corresponding to the second locking disc has either said first combination value or said second combination value, but only a key of which the combination surface corresponding to the first code locking disc has the first combination value and the combination surface corresponding to the second locking disc has the second combination value is able to turn the first and second code locking discs to their respective opening positions wherein the lock is operable in only one turning direction and the key opening of said first locking disc is bounded by a return surface which cooperates with the key to return said first locking disc to a locking position when the key is turned in a second turning direction, opposite said first turning direction, the return surface being opposite to the counter surfaces with regard to the central axis of said one locking disc,

and wherein said return surface is aligned with one of the counter surfaces of said first locking disc.

11. (Amended) A cylinder lock and key combination comprising:
a lock body,
a turnable lock cylinder located inside the lock body and having an axial slot,
a set of code locking discs located inside the lock cylinder, each locking disc having at least one peripheral notch and a key opening and being turnable in the lock body in a first turning direction by application of turning force to a counter surface bounding the key opening, each locking disc having an opening position in which its peripheral notch is at the position of the axial slot in the lock cylinder, such that when all the locking discs are in their respective opening positions the peripheral notches form a uniform channel at the position of the axial slot, the key openings of at least first and second code locking discs each being bounded by at least two discrete counter surfaces such that the first code locking disc can be turned in said first turning direction by application of turning force to any one of said

discrete counter surfaces of the first code locking disc and the second code locking disc can be turned in said first turning direction by application of turning force to any one of said discrete counter surfaces of the second code locking disc,

a locking bar having a locking position in which it prevents turning of the cylinder relative to the lock body and a releasing position in which it is received in the channel formed by the peripheral notches of the locking discs and releases the cylinder for turning relative to the lock body, and

a key insertable in the lock when the locking discs are at an initial position, the key having a set of combination surfaces corresponding respectively to the locking discs, for engaging a counter surface of each locking disc and applying turning force thereto when the key is inserted in the lock and is turned in the first turning direction, so that the locking discs are turned in the first turning direction to their respective opening positions,

and wherein the combination surface corresponding to said first code locking disc is provided with a first of at least two combination values and the combination surface corresponding to said second code locking disc is provided with a second of said at least two combination values, and the first and second combination values are such that the first code locking disc is turnable in the first turning direction by a key of which the combination surface corresponding to the first code locking disc has either said first combination value or said second combination value and the second locking disc is turnable in the first turning direction by a key of which the combination surface corresponding to the second locking disc has either said first combination value or said second combination value, but only a key of which the combination surface corresponding to the first code locking disc has the first combination value and the combination surface corresponding to the second locking disc has the second combination value is able to turn the first and second code locking discs to their respective opening positions,

wherein the lock is operable in two turning directions and each locking disc is turnable in a second turning direction, opposite the first turning direction, by application of turning force to a counter surface bounding the key opening, the key has a second set of combination surfaces for engaging a counter surface of each locking disc when the key is turned in the second turning direction, the key opening of said first locking disc is bounded by